

South Carolina Department of Health and Environmental Control

Shelly Wilson

Federal Facilities Liaison

DHEC Environmental Roles

- Protection
- Oversight
- Emergency Preparedness
- Improvement

Protection

- Federal Law/Regulation
- State Law/Regulation
- EPA may delegate implementation to State
- DHEC has been delegated authority
 - Air
 - Water
 - Waste
 - Cleanup

Protection

- Issue permits in accordance with Federal/State requirements
- Inspect for compliance
- Take enforcement action when necessary

Protection Programs

- Air
- Underground Injection Control
- Underground Storage Tanks
- Asbestos
- 401 Certification (Wetlands)
- Stormwater
- Wastewater Treatment
- Navigable Waters
- Drinking Water
- Laboratory Certification
- National Pollutant Discharge Elimination System
- Radioactive Waste Transportation
- Solid Waste (Landfills)
- Hazardous Waste (RCRA)

Oversight

- DHEC monitors SRS and surrounding area to determine impact of SRS activities.
- DHEC maintains frequent presence at SRS through office in Region.



Emergency Preparedness

- South Carolina has a comprehensive emergency operations plan for disasters:
 - Natural (hurricanes, earthquakes, etc.)
 - Man-made (acts of terrorism)
- DHEC takes extra measures for SRS
 - Maintain responders with Q Clearance
 - Hold practice drills specifically geared to SRS
 - Meet quarterly

Improvement - Cleanup

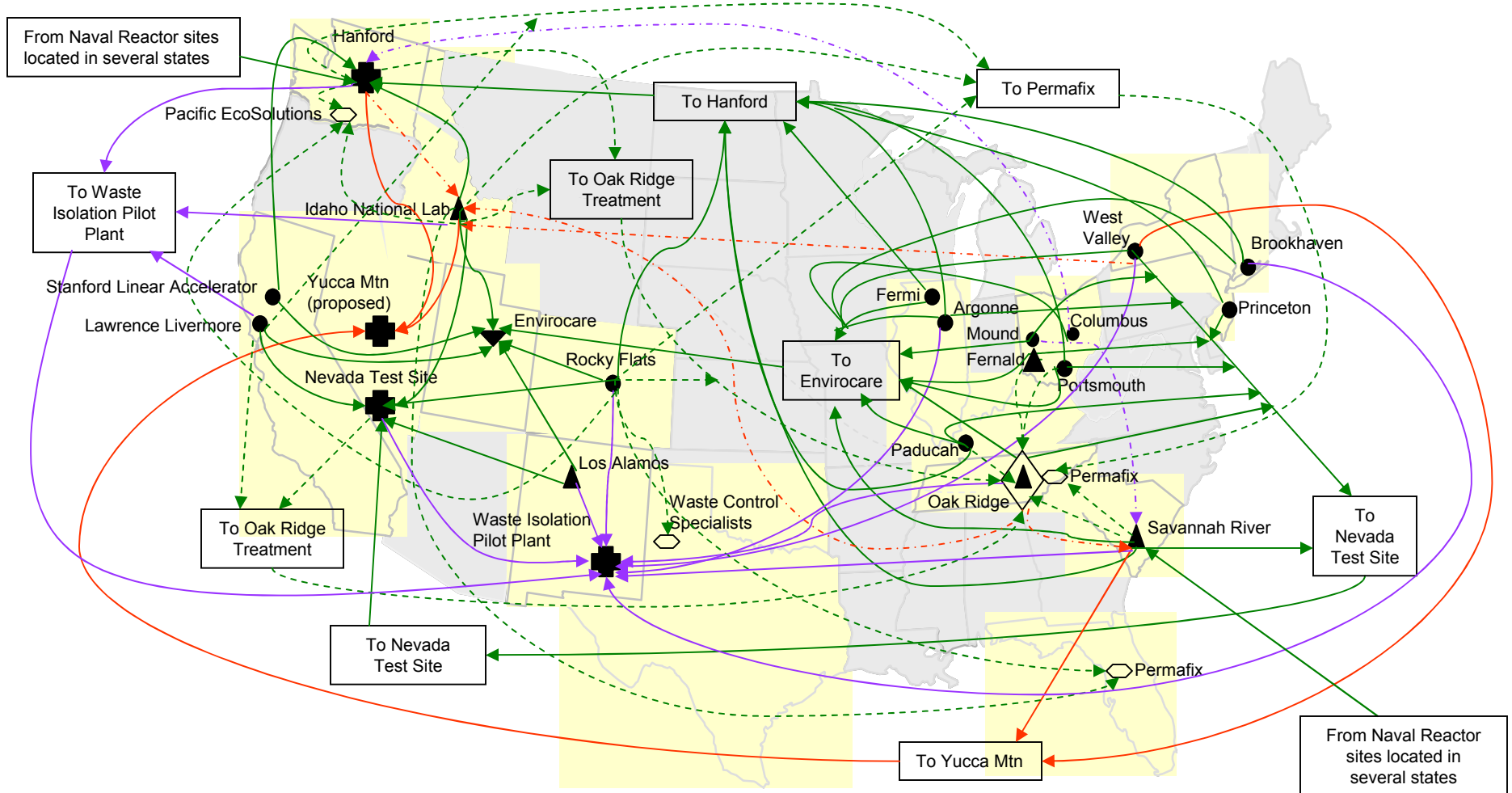
- Hazardous Waste Permit
 - Requires assessment and cleanup of all waste contaminated areas at SRS
 - Covers some major plumes (F, H, M, MWMF)
- Federal Facility Agreement
 - Marries process by which DHEC, EPA and DOE conduct cleanup
- Worked hard to build efficient, effective cleanup team

Improvement – Legacy Waste

- Site Treatment Plan
 - Requires treatment of legacy hazardous and radioactive waste by an approved schedule, enforced by order
- Requires State approval for any haz/rad waste shipment proposed to SRS
- Milestone example: Treatment of high level waste by 2028

Network of Major DOE Radioactive Waste Transfers

Shipment lines do not portray actual transportation routes. This map is not inclusive of all past or planned shipments.



Transuranic Waste Disposal Shipment

Transuranic Waste Processing/Storage Shipment

● DOE Generator Site (no on-site disposal facility)

▲ DOE Onsite Radioactive Waste Disposal Facility

■ DOE Offsite Radioactive Waste Disposal Facility (NTS and Hanford are also generator sites and dispose of some waste onsite)

◊ DOE Offsite Radioactive Waste Treatment Facility

Spent Nuclear Fuel/High-Level Waste Disposal Shipment

Spent Nuclear Fuel Storage, Treatment, or Repackaging Shipment

Low-Level Waste/Mixed Low-Level Waste Disposal Shipment

Low-Level Waste/Mixed Low-Level Waste Treatment Shipment

▼ Commercial Radioactive Waste Disposal Facility (Note: Envirocare also treats waste)

◊ Commercial Radioactive Waste Treatment Facility

EXHIBIT A

Special State Concerns

- Budget, Waste Transfers, Regionalization
- DHEC maintains open communication through
 - National Governors Association Federal Facility Task Force
 - Environmental Council of the States Federal Facilities Forum
 - Contact with elected officials
 - Governor's Nuclear Advisory Council
 - Other Entities

High Level Waste

- Worked with Congressional Delegation on passage of Section 3116 of 2005 National Defense Authorization Act
- Residuals remaining must be under
 - Energy Secretary determination in consultation with NRC, and
 - “a State-approved closure plan or State-issued permit”

Status

- Maintain
 - Permits and inspections
 - Oversight
 - Emergency preparedness
- DHEC will focus on
 - High Level Waste treatment and tank closure
 - Site cleanup
 - Legacy waste disposition
 - Transition from ARRA